Caddy Web server, auto HTTPS

CONCEPTS

With a Caddyfile in the current directory, caddy run loads it with no flags.

Caddyfile human-friendly config
↓ adapt
JSON config native format
↓ load / reload
Admin API localhost:2019
↓ applies
Running server auto HTTPS

A site address with a real domain gets a public certificate automatically; localhost gets a locally trusted one.

RUN AND CONTROL

caddy run
Run in the foreground

caddy start
Run in the background

caddy stop
Stop the running instance gracefully

caddy reload
Apply the config to the running instance

caddy run --config *<file>*
Run with a specific config file

caddy run --watch
Reload automatically when the config changes

caddy version
Print the version

CONFIG TOOLS

caddy validate --config *<file>*
Load and provision without running

caddy fmt --overwrite *<file>*
Format the file in place

caddy adapt --config *<file>*
Convert a Caddyfile to JSON

QUICK SERVERS

caddy file-server
Serve the current directory

caddy file-server --browse
Serve with a directory listing

caddy file-server --root *<dir>* **--listen :***<port>*
Serve a folder on a port

caddy reverse-proxy --from *<addr>* **--to** *<backend>*
Proxy requests to a backend

CADDYFILE BASICS

example.com { ... }
Site block with automatic HTTPS

:8080 { ... }
Site block on plain HTTP, port 8080

http://example.com { ... }
Explicit HTTP, no auto-HTTPS

{ email *<addr>* **}**
Global options block, must come first

reverse_proxy *<backend>*
Send requests to a backend

file_server
Serve static files from the site root

root * *<dir>*
Set the document root for all paths

encode zstd gzip
Compress responses

redir *<to>* **permanent**
Redirect to another URL

try_files {path} /index.html
Single-page app fallback

handle /api/* { ... }
Exclusive block for a path prefix

CERTIFICATES AND PASSWORDS

caddy hash-password
Prompt for a password and print its hash